FIRST QUANTUM MINERALS LTD.

Cobre Panamá

CONTROL DE VEGETACION Y EROSION TORRES LINEA DE TRANSMISION 230kV.

AGOSTO-SEPTIEMBRE-OCTUBRE 2018

		Control de Vegetacion				Control de Erosion			
TORRE	FECHA	HORAS HOMBRE	Limpieza veg. acceso a torres (mt2)	Limpieza veg. bajo Torres (mt2)	Limpieza veg. bajo lineas (mt2)	HORAS HOMBRE	BIOMANTA (mt2)	CERCAS DE SEDIMENTO (ml)	DRENAJES (ml)
T193 a 192	01/08/2018	25	222	400	1296				
T193 a 192	01/08/2018	30	786		720				
T190	02/08/2018	35	300	400					
T190 a 189	02/08/2018	36	360		1080				
T189	03/08/2018	30	1836	400					
T188	03/08/2018	12	1350						
T187	04/08/2018	15	1080						
T188	04/08/2018	18	630	400	702				
T187 a 186	05/08/2018	25			1620				
T180	05/08/2018	35	900	400					
T180 a 181	06/08/2018	15	180		1260	10			20
T182 a 181	06/08/2018	20		400	2160				
T180 a 181	07/08/2018	15			1476	10			30
T18	07/08/2018	16		576	540				
T180 a 181	08/08/2018	25			1476				
T18	08/08/2018	16	1200						
T177 a 176	09/08/2018	20			1260				
T18 a 19	09/08/2018	16			1080				
T176 a 175	10/08/2018	30	400		2520				
T18 a 19	10/08/2018	16			1800				
T175 a 174	11/08/2018	30	300	400	1170				
T18 a 19	11/08/2018	16			3060				
T174 a 173	12/08/2018	25			1260				
T173 a 172	12/08/2018	24		400	900				
T174 a 173	13/08/2018	18			1260				
T172 a 171	13/08/2018	18		400	2520				
T167 a 166	14/08/2018	25		400	1260				
T168 a 169	14/08/2018	20		400	900				
T167 a 166	15/08/2018	25			1548				
T168 a 169	15/08/2018	25	300		1260				
T166	16/08/2018	24		400	270				
T169 a 168	16/08/2018	24	900	400	2700				
T167 a 168	17/08/2018	24			1080				
T170	17/08/2018	18		400					
T171	17/08/2018	18		460					
T167 a 168	18/08/2018	25			2250				
T149 a 148	18/08/2018	20		400	756				
T150	18/08/2018	24		750					
T147	19/08/2018	20		400	306				
T148 a 147	19/08/2018	16		400	1404				
T241	20/08/2018	24							
T264	20/08/2018	12							
T265	20/08/2018	12							
T146 a 145	21/08/2018	20							
T145 a 144	21/08/2018	30		400	3240				
T144 a 143	22/08/2018	20	530	460					
T143 a 142	22/08/2018	20		400	2700				
T141 A 142	23/08/2018	24		400	2520				
T142 a 143	23/08/2018	20	852	400	1656				
T121 a 122	24/08/2018	24		400	4320				

T122 a 123	24/08/2018	20		676	882				
T122 a 123	25/08/2018	25	498		2556				
T123 a 124	25/08/2018	30		400	5040				
T124 a 125	26/08/2018	25	1200		1566				
T125 a 126	26/08/2018	30		400	5400				
T126 a 127	27/08/2018	20		400	1656				
T127 a 128	27/08/2018	25		400	4500				
T127 a 129	28/08/2018	24		400	4626				
T129 a 130	28/08/2018	24		400	5580				
T240	29/08/2018	12	1800						
T240	29/08/2018	12	870						
T243	29/08/2018					6		30	
T117 a 118	30/08/2018	20		400	6480				
T118 a 119	30/08/2018	25		625	6840				
T126	31/08/2018	18	1200			10		54	
T116	01/09/2018	28	1980						
T114	01/09/2018	24	1500						
T116	02/09/2018	20	2160						
T114	02/09/2018	16	1500						
T225	02/09/2018	6							
T113	03/09/2018	9	1200	400					
T115	03/09/2018	20	1500	400					
T116	03/09/2018	3		400					
T113	04/09/2018					28		40	
T1 a 2	04/09/2018	8			1170				
T113	05/09/2018					28		30	
T1 a 2	05/09/2018	4			1080				
T113	07/09/2018					20		15	
T114	08/09/2018					24		50	
T1 a 2	08/09/2018	10			1170				
T4	08/09/2018	2		225					
T5	08/09/2018	2		255					
T103	09/09/2018	8		225					
T104	09/09/2018	4		225					
T105	09/09/2018	4		225					
T106	09/09/2018	4		225					
T107	09/09/2018	4		225					
T105 a 106	09/09/2018	8			3600				
T162	10/09/2018	9		225					
T163 a 164	10/09/2018	16		225	396				
T164	10/09/2018	16		400					
T151	11/09/2018	8	1200	400	450				
T152	11/09/2018	8	300	400					
T160	11/09/2018	8		300					
T161	11/09/2018	8		400					
T153	12/09/2018	4	90	400					
T153	12/09/2018	4							
T154 a 155	12/09/2018	4		400	720				
T155	12/09/2018	4		460					
T156	12/09/2018	4		400					
T154	12/09/2018	2							
T156	12/09/2018	2							
T65 a 66	13/09/2018	12		400	1800				
T64 a 65	13/09/2018	12		500	924				
T63	13/09/2018	12	600	225					
T70 a 71	14/09/2018	8		400	1080				
T71 a 72	14/09/2018	8	558	400					
T63 a T64	14/09/2018	12	1320						
T68	15/09/2018	12	2658						

T66	15/09/2018	12	1440	400					
T73 a 74	16/09/2018	15		400	540				
T74	16/09/2018	5		400					
T75	17/09/2018	5		525					
T72 a 73	17/09/2018	15	600	400					
T95	18/09/2018	15	1200	400					
T93	18/09/2018	18	780	500	720				
T93	19/09/2018	12	1428						
T95	19/09/2018	10	1500						
T94	20/09/2018	18	780	400					
T96	20/09/2018	10		400					
T96	21/09/2018	12	780						
T97 a 98	21/09/2018	18	300	400	900				
T97 a 98	22/09/2018	18			2700				
T97	22/09/2018	9	900						
T98	23/09/2018	8		400					
T99	23/09/2018	10	1050	400					
T222 a 223	24/09/2018	9		400	1440				
T223 a 224	24/09/2018	12		360	720				
T223 a 224	25/09/2018	36			2430				
T222	25/09/2018	24	1140						
T224 a 225	26/09/2018	35			3700				
T224 a 225	26/09/2018	30			2000				
T 224 a 225	27/09/2018	18			1800				
T224 a 225	27/09/2018	21			3000				
T224 a 225	28/09/2018	12			800				
T225	28/09/2018	21	2640						
T 224 a 225	29/09/2018	25			1400				
T225	29/09/2018	24							
T225	30/09/2018					20		53	
T225	30/09/2018	20							
T225	01/10/2018					30		60	
T225	01/10/2018					30		40	
T225	02/10/2018					30		30	
T225	02/10/2018					30		30	
T225 a 226	03/10/2018	24	120	400	360				
T225	03/10/2018					30		25	
T57	04/10/2018	20		400					
T58	04/10/2018	8		400					
T55	04/10/2018	8		400					
T56	05/10/2018	20		400	360				
T55 A 56	05/10/2018	12			1800				
T52	05/10/2018	6		400					
T51 a 52	06/10/2018	8		400	1440				
T50 a 51	06/10/2018	8		400	900				
T48 a 49	06/10/2018	16		400	3600				
T47	07/10/2018	16	1200	400	540				
T50 a 51	07/10/2018	20		400	2700				
T46 a 45	09/10/2018	15		400	900				
T45 a 46	09/10/2018	15		400	900				
T44 a 45	10/10/2018	24		400	3600				
T41 a 40	10/10/2018	10		400	540				
T40 a 41	10/10/2018	10		400	900				
T43 a 42	11/10/2018	12		400	900				
T35	11/10/2018	12	1200	400	720				
T31	11/10/2018	12	600	400					
T32 a 31	12/10/2018	6		400	1440				
T30 a 31	12/10/2018	6			1224				
T30 a 31	13/10/2018	6			1224				

T32 a 31	13/10/2018	8			3600				
T30 a 31	14/10/2018	15			1224				
T28	14/10/2018	6		400					
T27	14/10/2018	6		400					
T26	14/10/2018	6		400					
T268	15/10/2018	12							
T130 a 131	16/10/2018	15		400	1700				
T130 a 131	16/10/2018	12.5		400	2400				
T130 a 131	17/10/2018	15			2992				
T132 a 133	17/10/2018	12.5		400	1600				
T 133 a 134	18/10/2018	15		500	2200				
T132 a 133	18/10/2018	12.5			2640				
T133 a 134	19/10/2018	15			3800				
T134 a 135	19/10/2018	12.5		400	3200				
T133 a 134	20/10/2018	6			1260				
T135 a 136	20/10/2018	6		400	1600				
T134 a 135	20/10/2018	11			2400				
T135 a 136	21/10/2018	13.5			2720				
T136 a 137	21/10/2018	11.5		525	1800				
T139 a 140	22/10/2018	17.5		400	3960				
T140 a 141	22/10/2018	10		525	3060				
T135 a 136	23/10/2018	15.5			2210				
T136 a 137	23/10/2018	12			2960				
T137 a 138	23/10/2018	10.5		400	225				
T206 a 205	24/10/2018	4		525					
T137 a 138	24/10/2018	20			2720				
T2 a 3	25/10/2018	16		525	2360				
T2 a 3	25/10/2018	13.5	800		1620				
T11 a 12	26/10/2018	13.5		525	2700				
T12 a 13	26/10/2018	16		525	1680				
T11 a 12	27/10/2018	10.5			1440				
T13 a 14	27/10/2018	10.5			1540				
T13 a 14	28/10/2018	14			1166				
T14 a 15	28/10/2018	14		525	2400				
T1N a 2N	29/10/2018	10			1800				
T2n a 3N	29/10/2018	24			7000				
T13 a 14	30/10/2018	10			1840				
T14 a 13	30/10/2018	10			1860				
T12	31/10/2018	3							
T13	31/10/2018	3							
T14 a 15	31/10/2018	10			2100				
T15 a 14	31/10/2018	10			2100				
TOTAL		3041.5	52718	45847	242921	306		457	50